

**Documentation of statistics for
Resource productivity 2014**

1 Introduction

The statistics illustrates how resources are being used in the production. It was published for the first time in January 2015, in cooperation with the Danish Business Authority.

2 Statistical presentation

The statistics on resource productivity provides data on industries and resources used in production and what the resource returns relative to productivity or turnover. Intensities for energy consumption and waste generation are also shown.

The statistics are produced in connection to the Environmental-Economic Accounts for Denmark (Green National Accounts).

2.1 Data description

Under construction

2.2 Classification system

Under construction.

2.3 Sector coverage

Includes all sectors.

2.4 Statistical concepts and definitions

Ressourceproduktivitet: Ressourceproduktivitet er defineret som produktion divideret med ressource. Det er et mål for hvor meget produktion (evt. omsætning) man får pr. enhed input (vareforbrug, energiforbrug).

Bruttoværditilvæst: Beregnes som produktionsværdien minus forbrug i produktionen.

Forbrug i produktionen: Varer, tjenester og andre udgifter der medgår i produktionen. Indeholder ikke løn og produktionsskatter.

Omkostningselement: Betegner en del af virksomhedens omkostninger. Fx er aflønning af ansatte, vareforbrug (køb af varer) og produktskatter omkostningselementer.

2.5 Statistical unit

Enterprise.

2.6 Statistical population

The population is not the same for the underlying statistics. Detailed information in their respective Documentation of the statistics.

2.7 Reference area

Denmark.

2.8 Time coverage

The individual statistics have different time periods.

The primary source has numbers from 2005 and forward (current year -2).

2.9 Base period

Not relevant for these statistics.

2.10 Unit of measure

The unit of measure is number, million DKK, ton, petajoules and percent depending on the variable and where it is published.

2.11 Reference period

01-01-2013 - 31-12-2013

2.12 Frequency of dissemination

Annual statistics.

2.13 Legal acts and other agreements

The statistics on resource productivity is based on existing data. Data is collected partly by Statistics Denmark and partly by the Environmental Protection Agency.

2.14 Cost and burden

The direct response burden is zero. The data are collected through other statistics.

2.15 Comment

See subject page [Green Economy](#).

3 Statistical processing

The tables are all created from existing statistics in Statistics Denmark.

3.1 Source data

Data from National Accounts, Manufacturers' Purchases of Goods and Services, Accounts Statistics for non-Agricultural Private Sector, Energy Accounts and Waste Accounts.

3.2 Frequency of data collection

Annual - in the underlying statistics.

3.3 Data collection

Collected by retrieving information from registers and other statistics.

3.4 Data validation

Under construction.

3.5 Data compilation

Under construction.

3.6 Adjustment

Not relevant for these statistics.

4 Relevance

Users: specialists.

4.1 User Needs

Users: specialists

4.2 User Satisfaction

Users: specialists.

4.3 Data completeness rate

For some industries no detailed figures are published due to confidentiality.

5 Accuracy and reliability

Under construction.

5.1 Overall accuracy

Under construction.

5.2 Sampling error

Not relevant for these statistics.

5.3 Non-sampling error

There is no uncertainty calculations, users are referred to those of the underlying statistics.

5.4 Quality management

Statistics Denmark follows the recommendations on organisation and management of quality given in the Code of Practice for European Statistics (CoP) and the implementation guidelines given in the Quality Assurance Framework of the European Statistical System (QAF). A Working Group on Quality and a central quality assurance function have been established to continuously carry through control of products and processes.

5.5 Quality assurance

Statistics Denmark follows the principles in the Code of Practice for European Statistics (CoP) and uses the Quality Assurance Framework of the European Statistical System (QAF) for the implementation of the principles. This involves continuous decentralized and central control of products and processes based on documentation following international standards. The central quality assurance function reports to the Working Group on Quality. Reports include suggestions for improvement that are assessed, decided and subsequently implemented.

5.6 Quality assessment

The statistics are based on special aggregations and calculations from existing statistics. No consolidated quality assessment has been made for this, so users are referred to consult the quality assessments of the statistics used:

[National Accounts](#)

[Accounts Statistics for non-agricultural private sector](#)

[Manufacturers' Purchases of Goods and Services](#)

[Energy Accounts](#)

[Waste Accounts](#)

5.7 Data revision - policy

Statistics Denmark revises published figures in accordance with the [Revision Policy for Statistics Denmark](#). The common procedures and principles of the Revision Policy are for some statistics supplemented by a specific revision practice.

5.8 Data revision practice

Revisions follow those of the underlying statistics, see their documentation.

6 Timeliness and punctuality

Under construction.

6.1 Timeliness and time lag - final results

1 year and 7 months, due to dependencies to the National Accounts.

6.2 Punctuality

All publications have been on time.

7 Comparability

Under construction.

7.1 Comparability - geographical

Not relevant for these statistics.

7.2 Comparability over time

Under construction.

7.3 Coherence - cross domain

Under construction.

7.4 Coherence - internal

Not relevant for these statistics.

8 Accessibility and clarity

The statistics are published annually in Statbank Denmark.

8.1 Release calendar

The publication date appears in the release calendar. The date is confirmed in the weeks before.

8.2 Release calendar access

The Release Calendar can be accessed on our English website: [Release Calendar](#).

8.3 User access

Statistics are always published at 8:00 a.m. at the day announced in the release calendar. No one outside of Statistics Denmark can access the statistics before they are published.

8.4 News release

The figures are published in a yearly news release, NYT from Statistics Denmark, in Danish.

8.5 Publications

Not relevant for these statistics.

8.6 On-line database

The statistics are available online in the [Statbank Denmark](#).

8.7 Micro-data access

Under construction.

8.8 Other

Other material only in Danish.

8.9 Confidentiality - policy

In the compilation of the statistics, the confidentiality policy of Statistics Denmark is followed link, in Danish.

8.10 Confidentiality - data treatment

In the compilation of the statistics the confidentiality policy of Statistics Denmark is followed (link, in Danish).

8.11 Documentation on methodology

No further documents on methods available.

8.12 Quality documentation

Results from the quality evaluation of products and selected processes are available in detail for each statistics and in summary reports for the Working Group on Quality.

9 Contact

The statistics are administratively located in the Division For National Accounts. The responsible for the statistics is Ingeborg Vind, tel. +45 39 17 33 29, e-mail: inv@dst.dk

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